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14

ENTERED

DATE: 05/29/2002  
TIME: 17:48:37

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/636,243A

Input Set : A:\seqlist.txt  
Output Set: N:\CRF3\05292002\I636243A.raw

RAW SEQUENCE LISTING DATE: 05/29/2007  
 PATENT APPLICATION: US/09/636,243A TIME: 17:48:33  
 TECH CENTER 1600/2900  
 JUN 07 2002  
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Input Set : A:\seqlist.txt  
 Output Set: N:\CRF3\05292002\I636243A.raw

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63 <211> LENGTH: 4
64 <212> TYPE: PRT
65 <213> ORGANISM: Artificial Sequence
67 <220> FEATURE:
68 <223> OTHER INFORMATION: Description of Artificial Sequence: D-able
69      subsite
71 <400> SEQUENCE: 2
72 Asn Asn Gly Lys
73      1
76 <210> SEQ ID NO: 3
77 <211> LENGTH: 9
78 <212> TYPE: DNA
79 <213> ORGANISM: Artificial Sequence
81 <220> FEATURE:
82 <223> OTHER INFORMATION: Description of Artificial Sequence: zinc finger
83      protein bind sequence
85 <400> SEQUENCE: 3
86 ggcgttagac
88 <210> SEQ ID NO: 4
89 <211> LENGTH: 9
90 <212> TYPE: DNA
91 <213> ORGANISM: Artificial Sequence
93 <220> FEATURE:
94 <223> OTHER INFORMATION: Description of Artificial Sequence: zinc finger
95      protein bind sequence
97 <400> SEQUENCE: 4
98 ggcgacgta
100 <210> SEQ ID NO: 5
101 <211> LENGTH: 5
102 <212> TYPE: PRT
103 <213> ORGANISM: Artificial Sequence
105 <220> FEATURE:
106 <223> OTHER INFORMATION: Description of Artificial Sequence: peptide
107      linker
109 <400> SEQUENCE: 5
110 Thr Gly Glu Lys Pro
111      1      5
114 <210> SEQ ID NO: 6
115 <211> LENGTH: 5
116 <212> TYPE: PRT
117 <213> ORGANISM: Artificial Sequence
119 <220> FEATURE:
120 <223> OTHER INFORMATION: Description of Artificial Sequence: linker
122 <400> SEQUENCE: 6
123 Gly Gly Gly Gly Ser
124      1      5
127 <210> SEQ ID NO: 7
128 <211> LENGTH: 8
129 <212> TYPE: PRT
  
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## RAW SEQUENCE LISTING

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130 <213> ORGANISM: Artificial Sequence  
132 <220> FEATURE:  
133 <223> OTHER INFORMATION: Description of Artificial Sequence: linker  
135 <400> SEQUENCE: 7  
136 Gly Gly Arg Arg Gly Gly Ser  
137 1 5  
140 <210> SEQ ID NO: 8  
141 <211> LENGTH: 9  
142 <212> TYPE: PRT  
143 <213> ORGANISM: Artificial Sequence  
145 <220> FEATURE:  
146 <223> OTHER INFORMATION: Description of Artificial Sequence: linker  
148 <400> SEQUENCE: 8  
149 Leu Arg Gln Arg Asp Gly Glu Arg Pro  
150 1 5  
153 <210> SEQ ID NO: 9  
154 <211> LENGTH: 12  
155 <212> TYPE: PRT  
156 <213> ORGANISM: Artificial Sequence  
158 <220> FEATURE:  
159 <223> OTHER INFORMATION: Description of Artificial Sequence: linker  
161 <400> SEQUENCE: 9  
162 Leu Arg Gln Lys Asp Gly Gly Ser Glu Arg Pro  
163 1 5 10  
166 <210> SEQ ID NO: 10  
167 <211> LENGTH: 16  
168 <212> TYPE: PRT  
169 <213> ORGANISM: Artificial Sequence  
171 <220> FEATURE:  
172 <223> OTHER INFORMATION: Description of Artificial Sequence: linker  
174 <400> SEQUENCE: 10  
175 Leu Arg Gln Lys Asp Gly Gly Ser Gly Gly Ser Glu Arg Pro  
176 1 5 10 15  
179 <210> SEQ ID NO: 11  
180 <211> LENGTH: 25  
181 <212> TYPE: PRT  
182 <213> ORGANISM: Artificial Sequence  
184 <220> FEATURE:  
185 <223> OTHER INFORMATION: Description of Artificial Sequence: component  
186 finger of zinc finger protein  
188 <220> FEATURE:  
189 <221> NAME/KEY: SITE  
190 <222> LOCATION: (2)..(5)  
191 <223> OTHER INFORMATION: where Xaa is any amino acid  
193 <220> FEATURE:  
194 <221> NAME/KEY: SITE  
195 <222> LOCATION: (4)..(5)  
196 <223> OTHER INFORMATION: where Xaa may be present or absent  
198 <220> FEATURE:

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PATENT APPLICATION: US/09/636,243A TIME: 17:48:37

Input Set : A:\seqlist.txt  
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199 <221> NAME/KEY: SITE  
 200 <222> LOCATION: (7)..(18)  
 201 <223> OTHER INFORMATION: where Xaa is any amino acid  
 203 <220> FEATURE:  
 204 <221> NAME/KEY: SITE  
 205 <222> LOCATION: (20)..(24)  
 206 <223> OTHER INFORMATION: where Xaa is any amino acid  
 208 <220> FEATURE:  
 209 <221> NAME/KEY: SITE  
 210 <222> LOCATION: (23)..(24)  
 211 <223> OTHER INFORMATION: where Xaa may be present or absent  
 213 <400> SEQUENCE: 11  
 214 Cys Xaa Xaa Xaa Xaa Cys Xaa  
 215 1 5 10 15  
 217 Xaa Xaa His Xaa Xaa Xaa Xaa Xaa His  
 218 20 25  
 221 <210> SEQ ID NO: 12  
 222 <211> LENGTH: 30  
 223 <212> TYPE: PRT  
 224 <213> ORGANISM: Artificial Sequence  
 226 <220> FEATURE:  
 227 <223> OTHER INFORMATION: Description of Artificial Sequence: DNA binding  
 228 domain F1  
 230 <400> SEQUENCE: 12  
 231 Tyr Ala Cys Pro Val Glu Ser Cys Asp Arg Arg Phe Ser Arg Ser Asp  
 232 1 5 10 15  
 234 Glu Leu Thr Arg His Ile Arg Ile His Thr Gly Gln Lys Pro  
 235 20 25 30  
 238 <210> SEQ ID NO: 13  
 239 <211> LENGTH: 28  
 240 <212> TYPE: PRT  
 241 <213> ORGANISM: Artificial Sequence  
 243 <220> FEATURE:  
 244 <223> OTHER INFORMATION: Description of Artificial Sequence: DNA binding  
 245 domain F2  
 247 <400> SEQUENCE: 13  
 248 Phe Gln Cys Arg Ile Cys Met Arg Asn Phe Ser Arg Ser Asp His Leu  
 249 1 5 10 15  
 251 Thr Thr His Ile Arg Thr His Thr Gly Glu Lys Pro  
 252 20 25  
 255 <210> SEQ ID NO: 14  
 256 <211> LENGTH: 38  
 257 <212> TYPE: DNA  
 258 <213> ORGANISM: Artificial Sequence  
 260 <220> FEATURE:  
 261 <223> OTHER INFORMATION: Description of Artificial Sequence: DNA binding  
 262 site  
 264 <400> SEQUENCE: 14  
 265 ggttgcagtg ggcgcgccca cagtacttga acgttaacg

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/636,243A

DATE: 05/29/2002

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Input Set : A:\seqlist.txt

Output Set: N:\CRF3\05292002\I636243A.raw

267 <210> SEQ ID NO: 15  
268 <211> LENGTH: 34  
269 <212> TYPE: DNA  
270 <213> ORGANISM: Artificial Sequence  
272 <220> FEATURE:  
273 <223> OTHER INFORMATION: Description of Artificial Sequence: DNA binding  
274 site  
276 <400> SEQUENCE: 15  
277 cgttacgttc aagtactgtg ggcgcgcccc ctgc 34  
279 <210> SEQ ID NO: 16  
280 <211> LENGTH: 12  
281 <212> TYPE: DNA  
282 <213> ORGANISM: Artificial Sequence  
284 <220> FEATURE:  
285 <223> OTHER INFORMATION: Description of Artificial Sequence: DNA binding  
286 site  
288 <400> SEQUENCE: 16  
289 tgggcgtatg ct 12  
291 <210> SEQ ID NO: 17  
292 <211> LENGTH: 12  
293 <212> TYPE: DNA  
294 <213> ORGANISM: Artificial Sequence  
296 <220> FEATURE:  
297 <223> OTHER INFORMATION: Description of Artificial Sequence: DNA binding  
298 site  
300 <400> SEQUENCE: 17  
301 agcatacgc ca 12  
303 <210> SEQ ID NO: 18  
304 <211> LENGTH: 57  
305 <212> TYPE: DNA  
306 <213> ORGANISM: Artificial Sequence  
308 <220> FEATURE:  
309 <223> OTHER INFORMATION: Description of Artificial Sequence: DNA binding  
310 site  
312 <400> SEQUENCE: 18  
313 ggaattccctg atcaagatct ggtcacgtcc ataggctagg catgtcaagg ctgtatg 57  
315 <210> SEQ ID NO: 19  
316 <211> LENGTH: 57  
317 <212> TYPE: DNA  
318 <213> ORGANISM: Artificial Sequence  
320 <220> FEATURE:  
321 <223> OTHER INFORMATION: Description of Artificial Sequence: DNA binding  
322 site  
324 <400> SEQUENCE: 19  
325 gggatccact cgcgaacgctg tcctttagt gggcgcccc acatacagcc ttgacat 57  
327 <210> SEQ ID NO: 20  
328 <211> LENGTH: 12  
329 <212> TYPE: DNA  
330 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 05/29/2002  
PATENT APPLICATION: US/09/636,243A TIME: 17:48:38

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**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 2,3,4,5,7,8,9,10,11,12,13,14,15,16,17,18,20,21,22,23,24  
Seq#:11; Xaa Pos. 2,3,4,5,7,8,9,10,11,12,13,14,15,16,17,18,20,21,22,23,24